

# NDC { London }

Johnny Hooyberghs

**Controlling My Home Sauna Using .NET 6 and MAUI**

# Here's Johnny

- Passionate Developer
- Principal Software Consultant/Architect (.NET)
- Microsoft MVP, Developer Technologies
- Operational Manager at Involved



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Johnny Hooyberghs



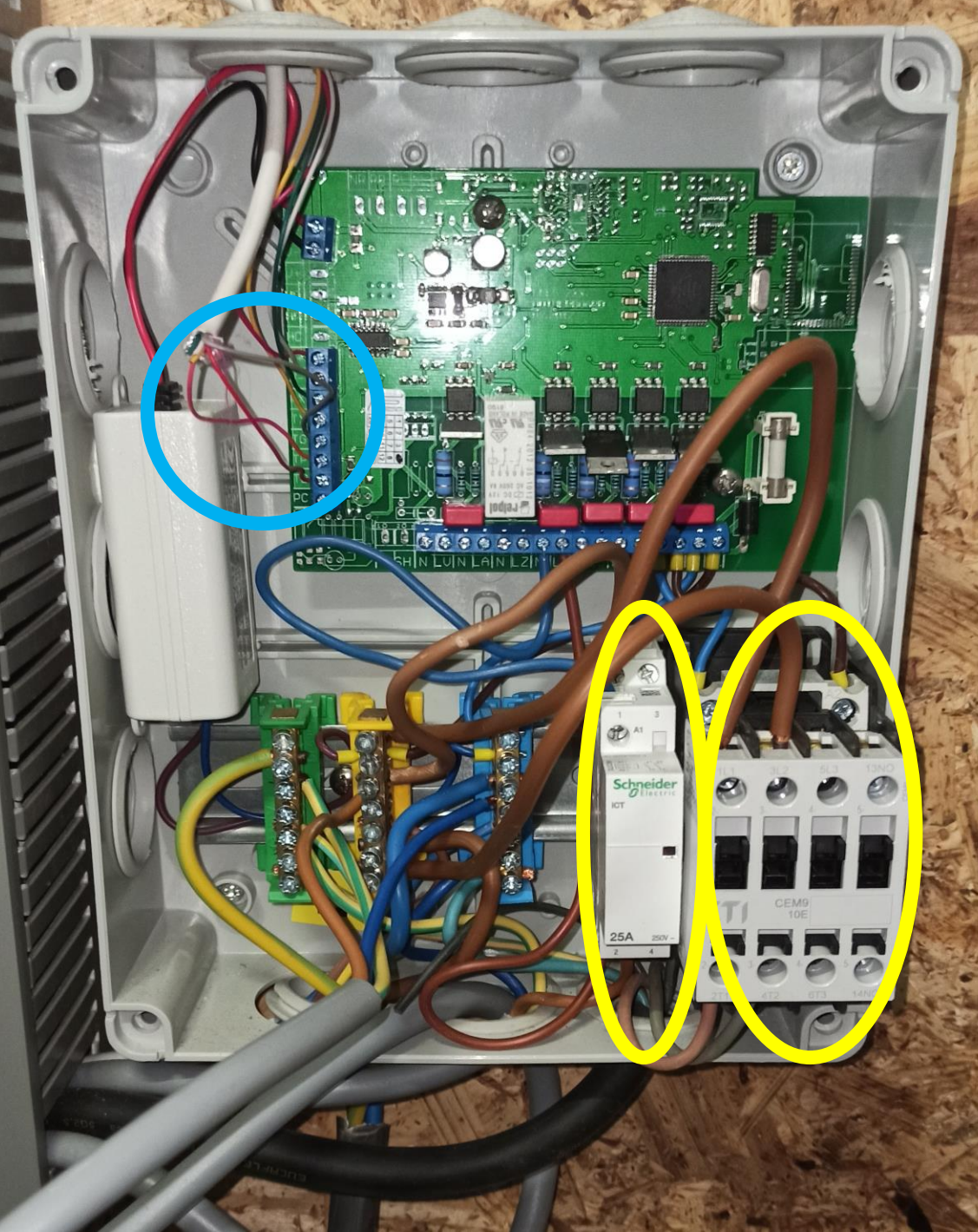
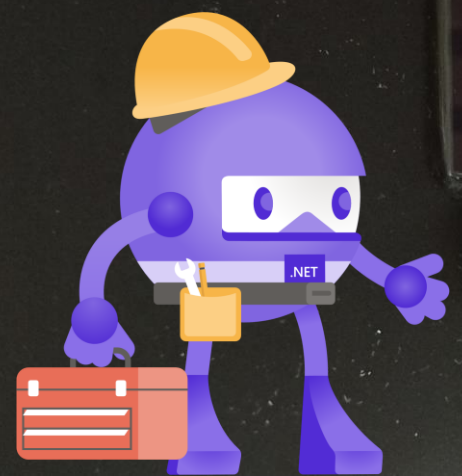
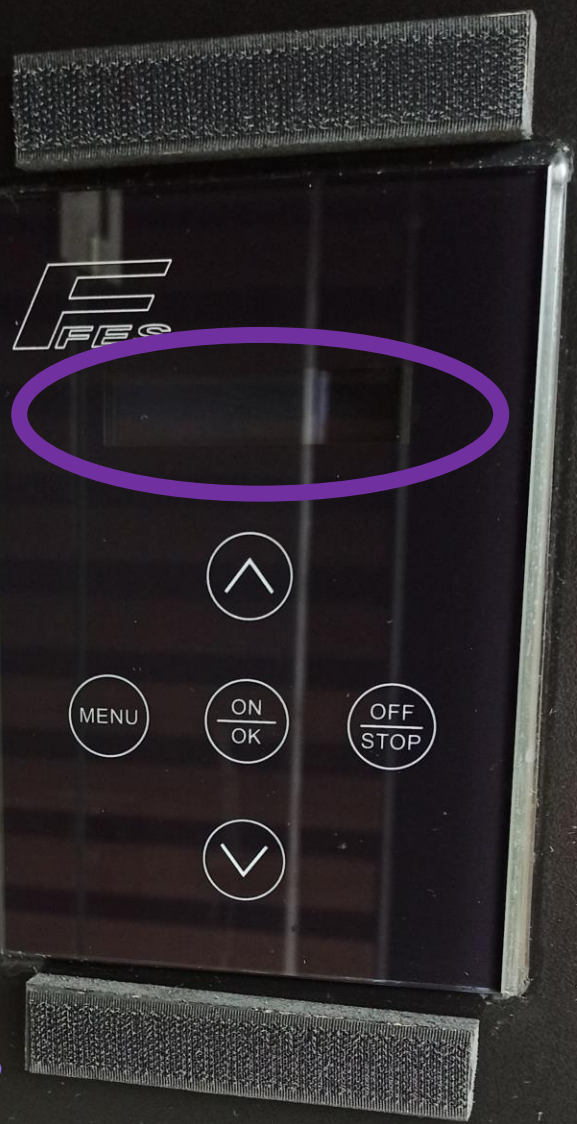
# Agenda

- Context for the MySauna app
- .NET 6 application templates and workloads
  - ASP.NET Core WebApi
  - Worker Service
  - MAUI
- Architecture
- Deeper dive into MAUI for Android & Windows
- Blazor Hybrid











zaterdag 2 mei 2020

17:02

sauna

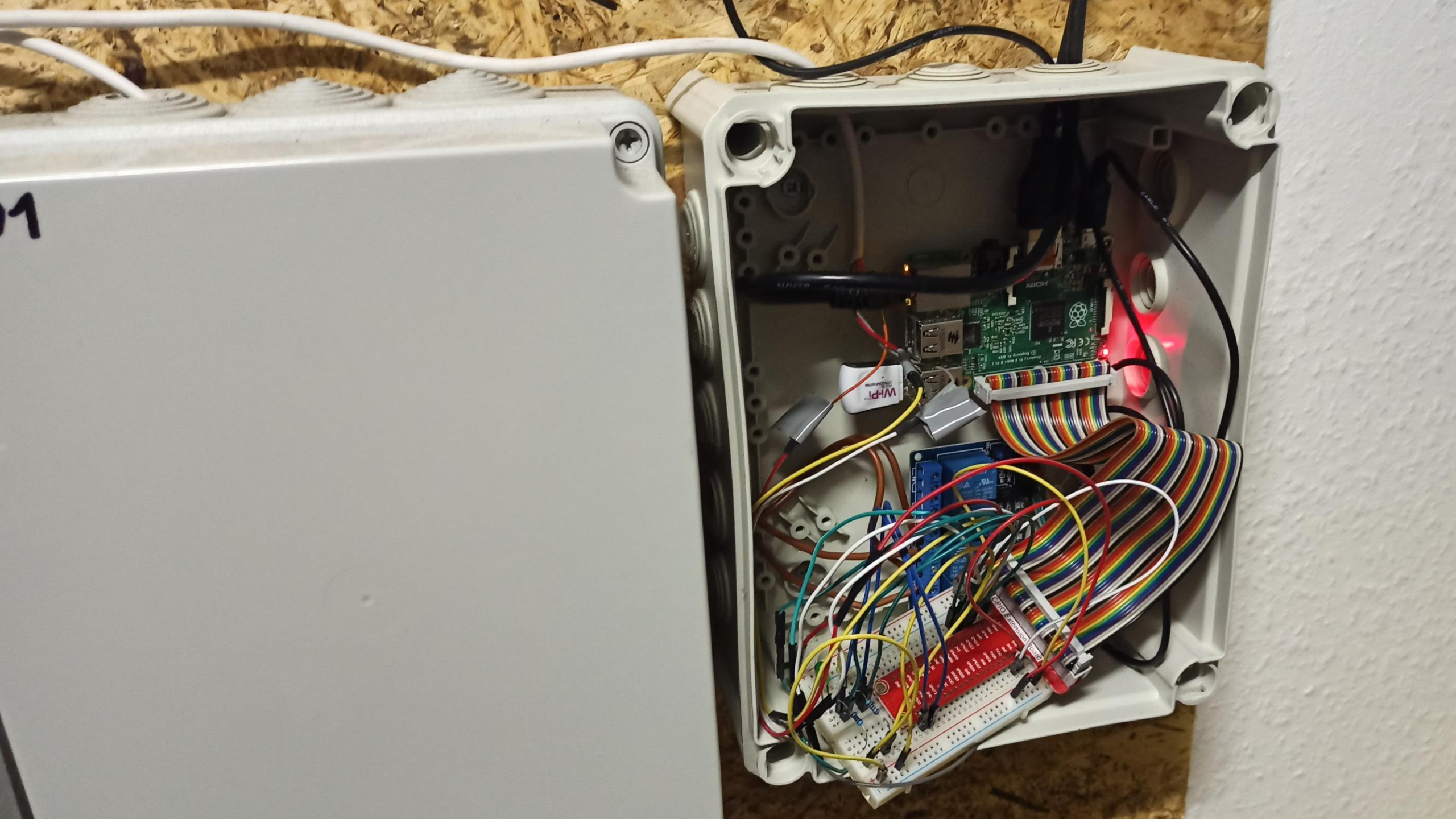
106 °C

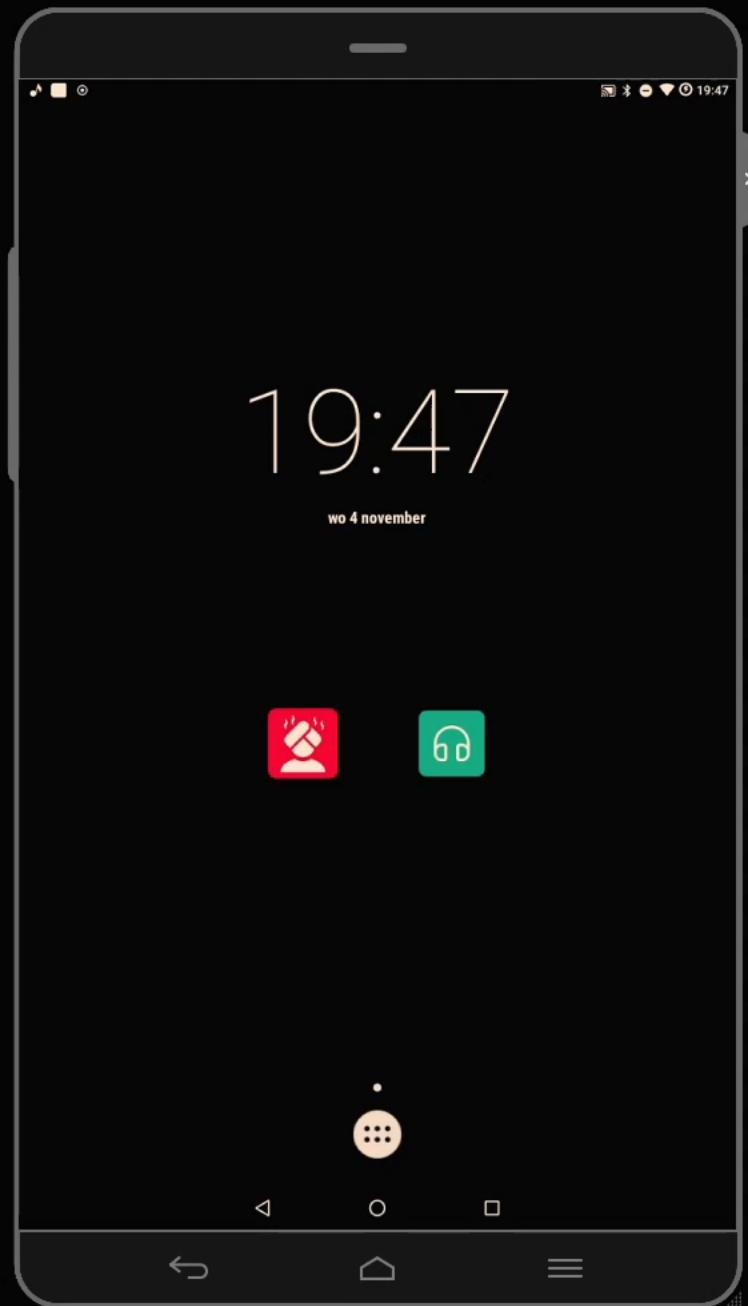
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Lenovo







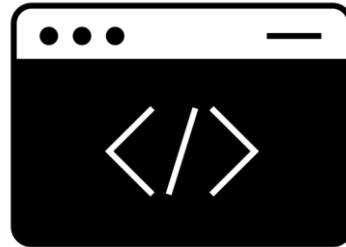




# MySauna app on .NET 6

You want to connect any device to your server to fetch and provide all kinds of data?

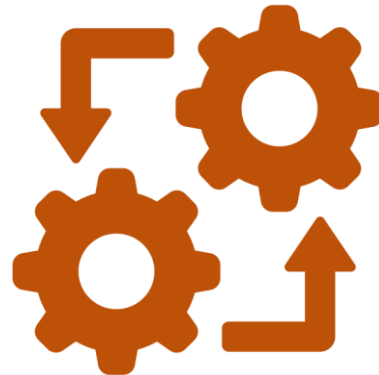
➔ ASP.NET WebApi for HTTP API's



# MySauna app on .NET 6

You want to run a continuous process that is able to read live temperature and react on that?

➔ Worker Services for processing (Windows Service or Linux Daemon)

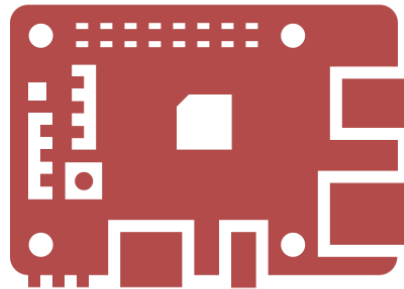




# MySauna app on .NET 6

You want to read sensors and switch relays?

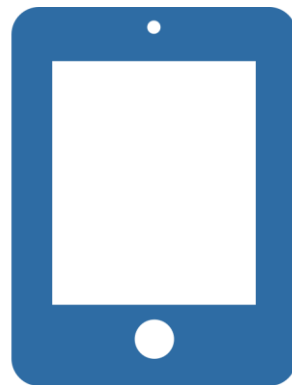
➔ .NET 6 runs on a Raspberry Pi ARM64 with a Linux OS and Gpio support!



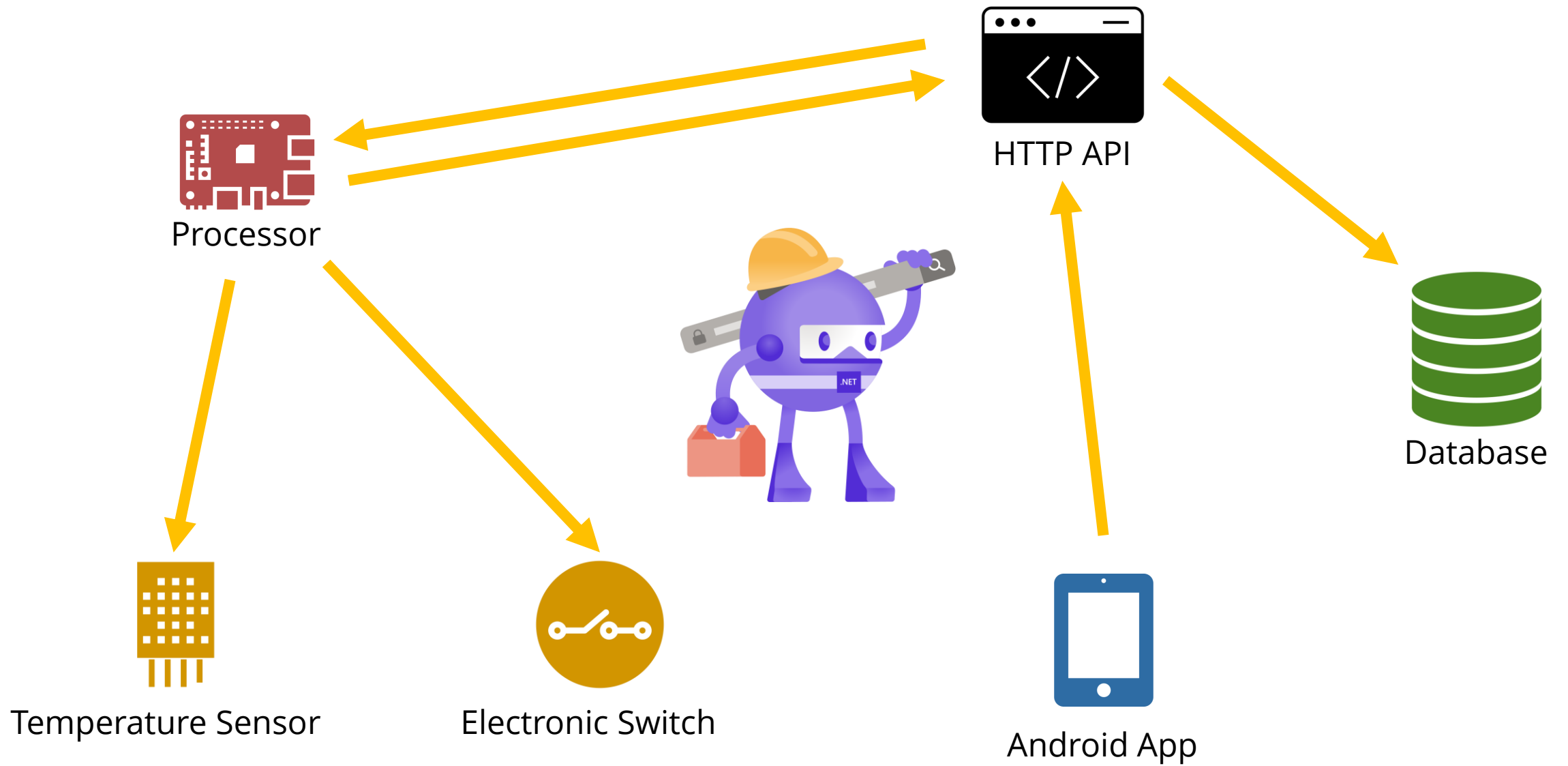
# MySauna app on .NET 6

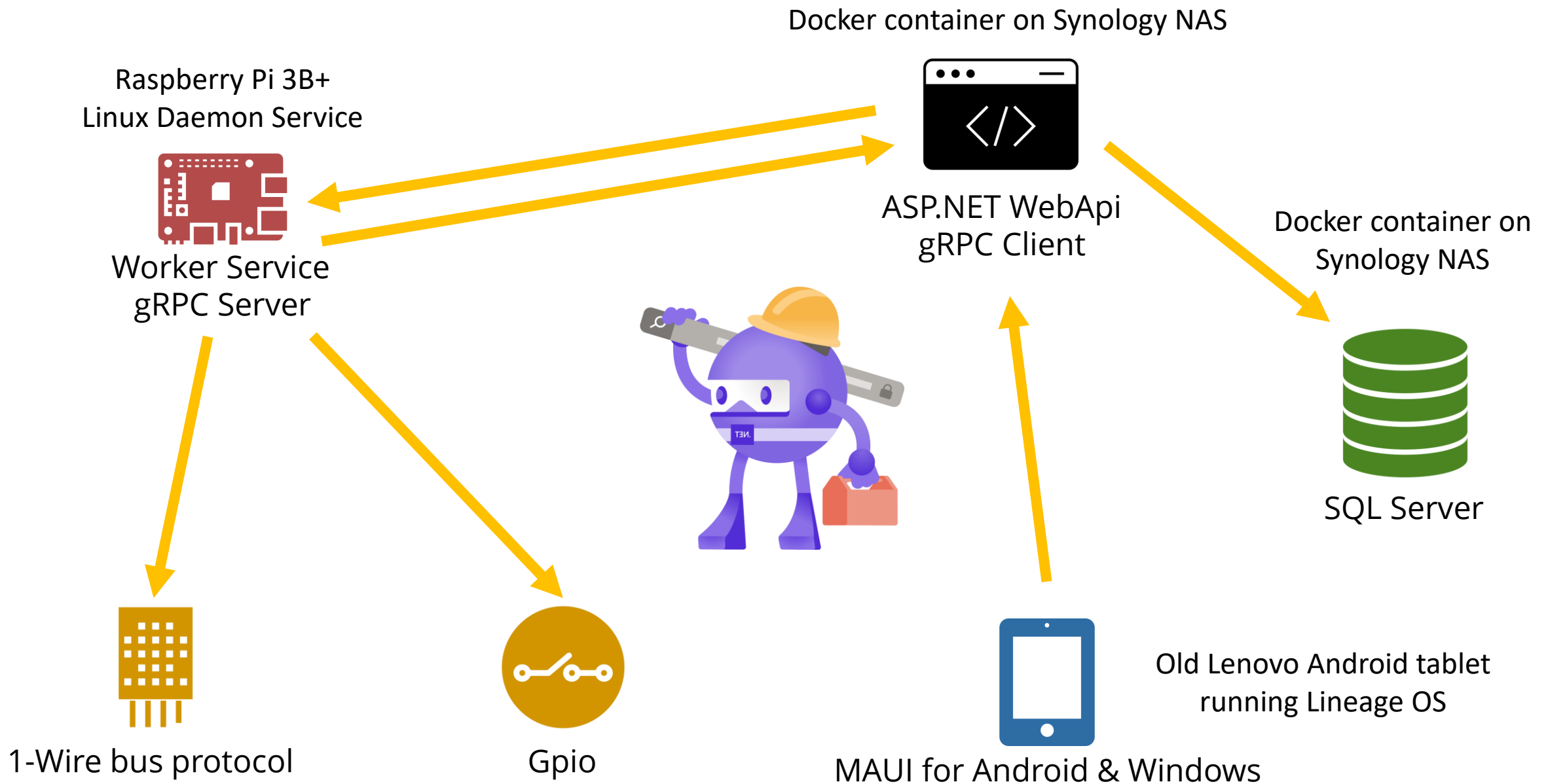
You want a beautiful app on Windows, Android or iOS?

➔ MAUI, written using C# and XAML or Blazor can make that work for you!



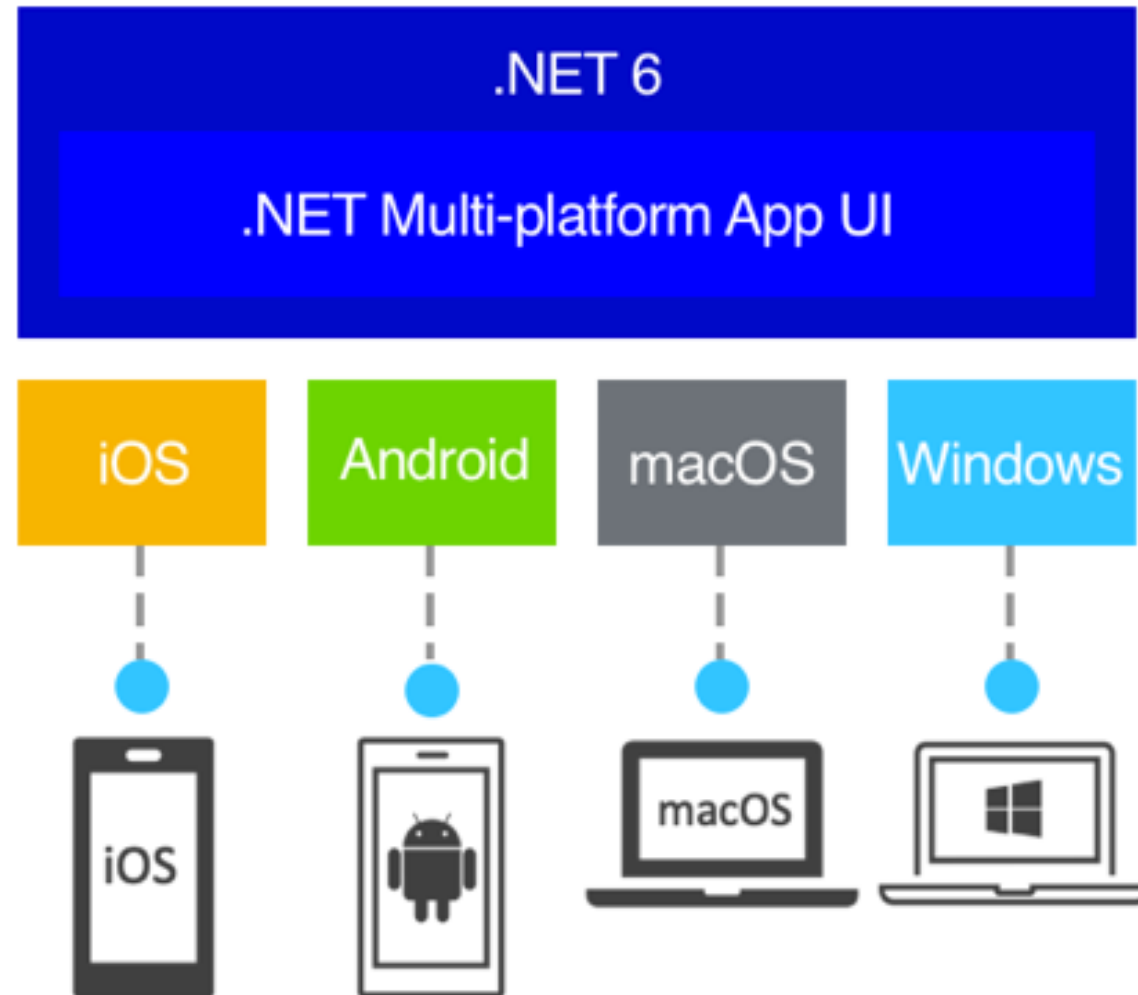




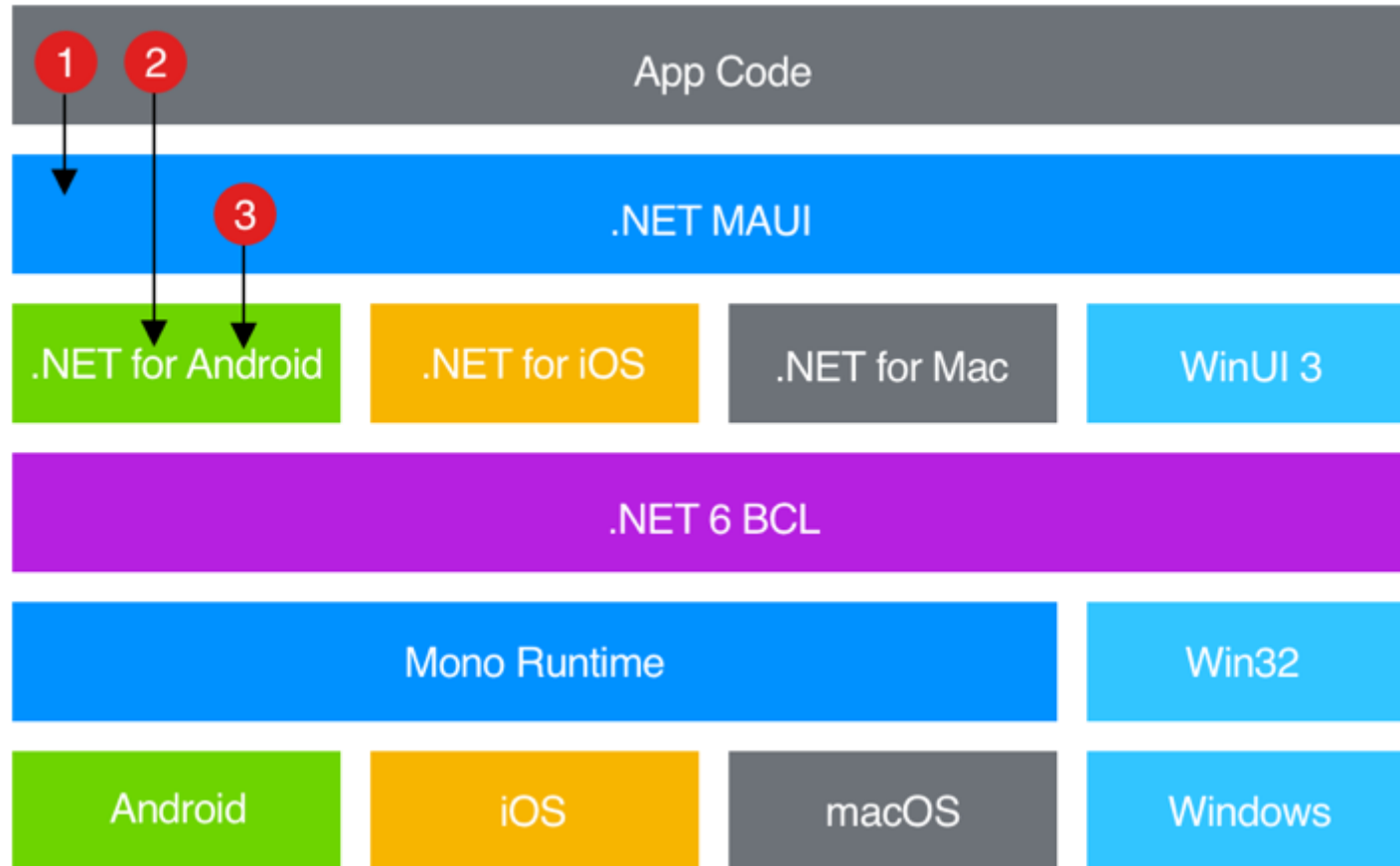




# .NET MAUI



# .NET MAUI



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<https://github.com/Djohnnie/ControllingMyHomeSaunaUsingDotNet6AndMaui-NDCLondon-2021>